

EuroMPM – Analysis of classification systems

Sonia Grande

Bilbao, February, 2011

Introduction – Who I am

- Name: Sonia Grande

- From: Bilbao



- Studies: Computer Engineering in Deusto University

Diploma of Specialization in Internet Solutions (DESI)

Sun Certified Enterprise Architect for J2EE (SCEA)

- Work: SEMA Group, GFI Informatique

Agenda

I. Introduction

II. Different Catalogues

III. Classifications

IV. Results

I. Introduction

Sonia Grande

Dortmund, December, 2010

Introduction – Case study

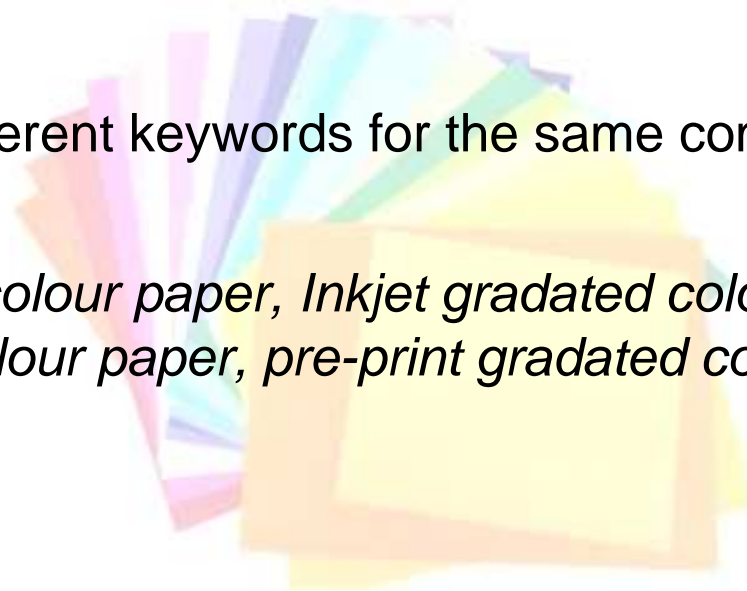
- Choose a commodity
- Commodity representations in different catalogues
- Properties or descriptions from a standard
- Standards and catalogues comparison

Introduction

The chosen general commodity is office material: paper. But there are many different kinds of paper used in offices. The final product selected is **Colour Paper**.

There are also different keywords for the same commodity. Some of them:

Copied gradated colour paper, Inkjet gradated colour design paper, Laser gradated colour paper, pre-print gradated colour paper.



II. Different Catalogues

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Dortmund., December, 2010

Supplier Catalogue

The screenshot shows the Amazon.com homepage with a search for 'color paper'. The top navigation bar includes the Amazon logo, a search bar with 'color paper' entered, and links for 'Your Amazon.com', 'Today's Deals', 'Gifts & Wish Lists', 'Gift Cards', 'Your Account', and 'Help'. A promotional banner for 'Drop by Christmas Corner' is visible in the top right.

On the left sidebar, there are departmental links: 'Home, Garden & Pets', 'Office Products', 'Toys & Games', and a '+ See All 30 Departments' button. Below these are 'Shipping Option' links for 'Any Shipping Option' and 'Free Super Saver Shipping'. A 'Listmania!' section encourages creating a list.

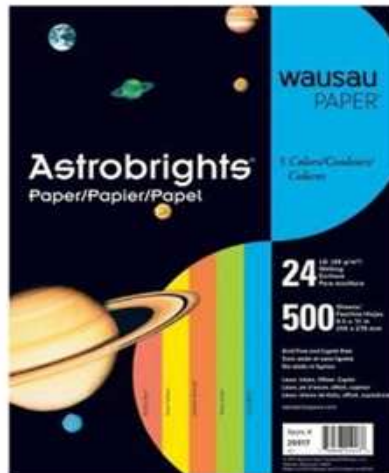
The main content area displays search results for 'color paper'. The results are sorted by relevance, showing 1-16 of 33,875 results. The first three results are:

- Wausau Astrobrights Premium Assorted 8 1/2 x 11 Inch Colored Paper 500 count (20017)** by Wausau. Buy new: ~~\$13.99~~ **\$13.31**. Get it by **Wednesday, Dec 8** if you order in the next **2 hours** and choose one-day shipping. Eligible for **FREE** Super Saver Shipping. Office Products & Supplies: See all 11,326 items.
- Wausau Astrobrights Writing Paper, 8.5 X 11 Inches, Assorted, 200 Count (20008)** by Wausau. Buy new: **\$8.49**. Get it by **Thursday, Dec 9** if you order in the next **19 hours** and choose one-day shipping. Eligible for **FREE** Super Saver Shipping. Only 3 left in stock - order soon. Office Products & Supplies: See all 11,326 items.
- SunWorks Construction Paper Smart-Stack Asst, 9 inches x12 inches, 11 Colors, 300 Sheets (6525)** by SunWorks. Buy new: ~~\$9.99~~ **\$8.99**. 17 new from \$7.16. Get it by **Wednesday, Dec 8** if you order in the next **2 hours** and choose one-day shipping. Eligible for **FREE** Super Saver Shipping. 5 stars (7). Toys & Games: See all 1,087 items.

The fourth result is partially visible: **Wausau Exact Multipurpose Assorted Astel Colored Paper #32893, 100 count 8.5in x 11in, 20 Sheets of Each Color Yellow, Blue, Green, Ivory, Pink** by Wausau.



Supplier Catalogue



Click for larger image and other views



[Share your own related images](#)

Wausau Astrobrights Premium Assorted 8 1/2 x 11 Inch Colored Paper 500 count (20017)

by [Wausau](#)

[Be the first to review this item](#)

Like (0)

List Price: ~~\$43.99~~

Price: **\$13.31** & eligible for **FREE Super Saver Shipping** on orders over \$25. [Details](#)

You Save: **\$0.68 (5%)**

In Stock.

Ships from and sold by **Amazon.com**. Gift-wrap available.

Want it delivered Wednesday, December 8? Order it in the next **1 hour and 43 minutes**, and choose **One-Day Shipping** at checkout. [Details](#)

Ordering for Christmas? To ensure delivery by December 24, choose **FREE Super Saver Shipping** at checkout. [Read more about holiday shipping.](#)

Product Specifications

Brand Name:	Wausau
Model numbers:	20017
Color:	5 colors assorted
Number of Items:	1
Sheet Size:	8.5-x-11-inch
Paper Finish:	Smooth



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Mohawk Manufacturer

MOHAWK

Any % cotton

☐ Watermark
☐ Acid free and archival
☐ Electronic printing guarantee
☐ Deckle Edge

Physical Properties Targets [What is this?](#)

Brightness
Opacity
Sheffield
Caliper
PPI

Private Marks
☐ Private Watermark Compatible

Proprietary Technologies
☐ Inxwell (for offset printing)
☐ for HP Indigo
☐ Digital Imaging Surface (for copiers/ printers)

Find paper
reset all attributes

☐ MOHAWK BRITEHUE LASERCOPY

Buy Selected Items (Merchant Customers)
Buy Selected Items (Retail Customers)
Find a Merchant

View stock chart
Download code book



Wasau Manufacturer

wasauPAPER®



Applications

Inkjet, laser, copier and offset guaranteed.

Eco-Features

Acid-free and Lignin-free



Specified items are Green Seal® certified and contain 30% recycled post-consumer fiber.

Lift-Off Lemon™	Rocket Red™
Solar Yellow™	Plasma Pink™
Galaxy Gold™	Pulsar Pink™
Cosmic Orange™	Fireball Fuchsia™
Re-Entry Red™	Planetary Purple™
Terrestrial Teal™	Lunar Blue™
Vulcan Green™	Gamma Green™
Terra Green™	

Premium Paper Assortments

Color	Weight	Size	Sheets/Package	Item Number
Assorted Brights (LB, TG, CO, SY, RC)	24 lb. Writing	8 1/2 x 11	100	20199
Assorted Brights (TT, CO, PLP, FB, SY)	24 lb. Writing	8 1/2 x 11	125	20290
Assorted Brights (LB, TG, CO, SY, RC)	24 lb. Writing	8 1/2 x 11	150	20009
Assorted Brights (SY, LB, FB, RR, GN, TG, PLP, PP, CB, OO)	24 lb. Writing	8 1/2 x 11	200	20008
Assorted Brights (LB, TG, CO, SY, RC)	24 lb. Writing	8 1/2 x 11	500	20017
Assorted Brights (VG, CO, MG, PP, LO)	24 lb. Writing	8 1/2 x 11	500	20270
Assorted Brights (SY, GG, CO, RC, RR)	24 lb. Writing	8 1/2 x 11	500	20272
Assorted Brights (VV, CB, LB, TT, MG)	24 lb. Writing	8 1/2 x 11	500	20274
Assorted Brights (GN, OO, RR, PP, SY)	24 lb. Writing	8 1/2 x 11	500	21224
Assorted Brights (CO, SY, TG, VV, FB)	24 lb. Writing	8 1/2 x 11	500	21289



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Xerox Manufacturer



Office Products
Production Equipment
Business Services

[Supplies Home](#)

Multipurpose Pastel Paper, 20 lb., 8.5x11, Cherry, 3R11060

Part # 003R11060

- See the full range of traditional pastel shades
- Also available in Cover and Index Weights. For pricing and shipping details outside of the continental 48 United States, please call 1-800-822-2200.

Unit	Price
1 - 4	\$61.60
5 - 39	\$57.00
40 +	\$54.30

Pallet Size: 40

Quantity:

[add to cart](#)

[login to add to favorites](#)

Specifications

Quantity/Unit	
Capacity	5000 Sheets/carton

My Supplies

- [Log In](#)
- [Sign Up](#)
- [Learn More](#)

Supplies Ordering

- [Order Status](#)
- [Log In for Favorites/Saved Products](#)
- [Shopping Cart](#)
- [Reorder Metered Supplies](#)

Helpful Resources

- [Xerox Replacement Cartridges](#)
- [Supplies Catalog](#)
- [Paper Resource Center](#)
- [FAQ](#)
- [Xerox and the Environment](#)
- [Warranty Information](#)

Last Viewed Products

Multipurpose Pastel Paper, 20

[compare](#)

- [print this page](#)
- [email this page](#)



III. Classification

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Dortmund., December, 2010



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**Fachhochschule
Dortmund**
University of Applied Sciences and Arts







Universidad
de País Vasco
Euskal Herriko
Unibertsitatea

eCl@ss Classification



Classification ▼ colour paper   

Hits: 12

Classification	
24-26-08-02 - 	Copier gradated colour paper
24-26-08-02 - 	Gradated colour paper
24-26-08-02 - 	Gradated colour paper for copiers
24-26-10-02 - 	Gradated colour paper for inkjet printers
24-26-08-02 - 	Gradated colour paper for inkjet printers
24-26-08-02 - 	Gradated colour paper for laser printers
24-26-08-02 - 	Gradated colour paper for printers
24-26-08-02 - 	Inkjet gradated colour paper
24-26-08-01 - 	Inkjet single colour paper
24-26-08-02 - 	Laser gradated colour paper
24-26-08-02 - 	Multifunction gradated colour paper
24-26-08-02 - 	Pre-print gradated colour paper



eCI@ss Classification

eCI@ss 6.2 ▼



- 24 Office product, facility and technic, papeterie
 - 24-26 Paper, foil, packing material (office)
 - 24-26-08 PC design paper S
 - S SSP 24-26-08-01 Uni design paper for printers and copiers
 - S SSP 24-26-08-02 Gradated color paper ←
 - S SSP 24-26-08-03 Gradated paper marbled
 - S SSP 24-26-08-04 Textured paper, preprinted
 - S SSP 24-26-08-05 PC motive paper
 - S SSP 24-26-08-06 Certificate paper, preprinted
 - S SSP 24-26-08-07 Silver paper, gold paper for printers
 - SSP 24-26-08-90 PC design paper (unclassified)



eCI@ss Classification

Property sets

Property-Set:	Classification: 24-26-08-02 [AKM624006]
	Preferred Name: Gradated color paper
	Definition:
AAE670001 - additional link address BAB392004 - Certificates and permits BAA351006 - Color AAD931001 - customs tariff number BAE967002 - Description of noteworthy features BAG235002 - Design of color gradient BAF818002 - Design of paper type BAJ015001 - Duration of guarantee BAA271005 - GTIN BAA001003 - Manufacturer name BAD847003 - Manufacturer product number BAE732003 - Number of sheets per packing BAE455003 - Paper size BAG527003 - Print/motif on both sides present BAG524004 - Printable on both sides BAA316003 - Product name BAA002002 - Product type description AAF112001 - REACH designation obligatory BAB678003 - Safety data sheet obligatory BAF821002 - Square measure of paper BAB542002 - Supplier name BAA059004 - Supplier product number BAE930002 - Use for printing or writing device BAF340003 - With guarantee	Keywords: Copier gradated colour paper, Gradated colour design paper for printers, Gradated colour paper, Gradated colour paper for copiers, Gradated colour paper for inkjet printers, Gradated colour paper for laser printers, Gradated colour paper for printers, Inkjet gradated colour design paper, Inkjet gradated colour paper, Laser gradated colour design paper, Laser gradated colour paper, Multifunction gradated colour paper, Pre-print gradated colour paper, Special paper gradated colour (multiprint)



UNSPSC

#	ID	Name
1	10215803	Live paperwhite abba narcissus
2	10215804	Live paperwhite narcissus
3	10315803	Fresh cut paperwhite abba narcissus
4	10315804	Fresh cut paperwhite narcissus
5	10415803	Dried cut paperwhite abba narcissus
6	10415804	Dried cut paperwhite narcissus
7	11141604	Paper wastes
8	11151712	Paper yarn
9	11162118	Paper yarn fabric
10	12164600	Paper plastic and fabric modifiers
11	14000000	Paper Materials and Products
12	14100000	Paper materials
13	14101501	Paper pulp
14	14110000	Paper products
15	14111500	Printing and writing paper
16	14111501	Onion skin paper
17	14111502	Vellum paper
18	14111503	Parchment paper
19	14111504	Tractor feed paper
20	14111505	Mimeograph paper
21	14111506	Computer printout paper
22	14111507	Printer or copier paper
23	14111508	Facsimile paper
24	14111510	Plotter paper
25	14111511	Writing paper
26	14111512	Graph paper

There is not a
specific
classification!



IV. Results

Sonia Grande

Dortmund., December, 2010



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**Fachhochschule
Dortmund**
University of Applied Sciences and Arts



Universidad
de País Vasco
Euskal Herriko
Unibertsitatea

eCI@ss vs. Catalogues

PROPERTY	MOHAWK	WASAU	XEROX	AMAZON
additional link address	NO	NO	NO	YES
Certificates and permits	NO	YES	NO	NO
Color	YES	YES	YES	NO
Customs tariff number	NO	NO	NO	NO
Description of noteworthy features	NO	YES	NO	NO
Design of color gradient	NO	NO	NO	NO
Design of paper type	NO	NO	NO	NO
Duration of guarantee	NO	NO	NO	NO
GTIN	NO	NO	NO	NO
Manufacturer name	YES	YES	YES	YES
Manufacturer product number	YES	YES	YES	YES
Number of sheets per packing	YES	YES	YES	YES
Paper size	YES	YES	YES	YES
Print/motif on both sides present	NO	NO	NO	NO
Printable on both sides	NO	NO	NO	NO
Product name	YES	YES	YES	YES
Product type description	NO	YES	NO	NO
REACH designation obligatory	NO	NO	NO	NO
Safety data sheet obligatory	NO	NO	NO	NO
Square measure of paper	NO	NO	NO	NO
Supplier name	NO	NO	NO	YES
Supplier product number	NO	NO	NO	NO
Use for printing or writing device	NO	YES	YES	NO
With guarantee	NO	YES	NO	NO

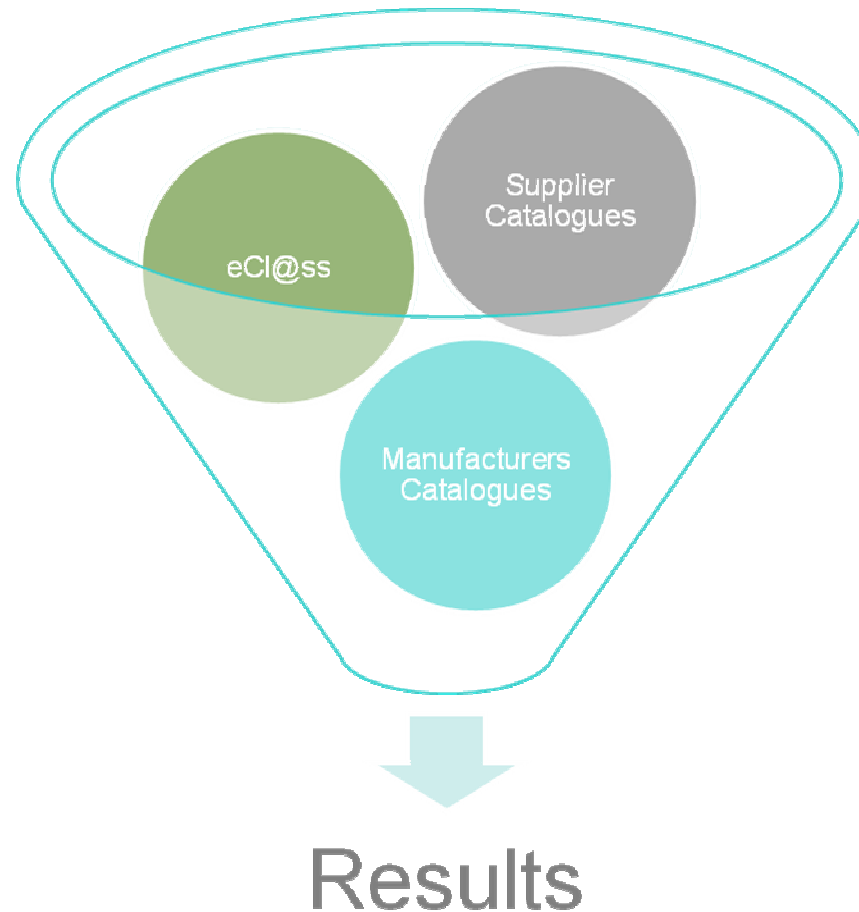


Catalogues vs. eCI@ss

PROPERTY	MOHAWK	WASAU	XEROX	AMAZON	eCI@ss
additional link address	NO	NO	NO	YES	YES
Color	YES	YES	YES	NO	YES
Description of noteworthy features	NO	YES	NO	NO	YES
Manufacturer name	YES	YES	YES	YES	YES
Manufacturer product number	YES	YES	YES	YES	YES
Number of sheets per packing	YES	YES	YES	YES	YES
Paper size	YES	YES	YES	YES	YES
Product name	YES	YES	YES	YES	YES
Product type description	NO	YES	NO	NO	YES
Supplier name	NO	NO	NO	YES	YES
Use for printing or writing device	NO	YES	YES	NO	YES
With guarantee	NO	YES	NO	NO	YES
Finish	YES	NO	NO	NO	NO
Weight	YES	YES	NO	NO	NO
Watermarked	YES	NO	NO	NO	NO
%PCW	YES	NO	NO	NO	NO
Acid Free	NO	YES	NO	NO	NO
Lignin Free	NO	YES	NO	NO	NO
%Recicled post-consumer fiber	NO	YES	NO	NO	NO



Results



Results

- Some eCI@ss properties are never described
- Colour is not described in a normalized way
- Properties not described by eCI@ss
 - Finish
 - Eco-properties: % Recycled, Acid free, Lignin free
- Multiple presentation for information
 - Tabulated data
 - Text information
 - Colour pictures

The colour issue

There are different systems used to describe the colour:

- DIN EN 971-1:1996-09. eCI@ss selected One.
- RGB colour model. Used for graphical representation.
- CMYK colour model. Used for colour printing.

Conclusion

Maybe in the new eCl@ss version the paper colour commodity should disappear.

Use of special property sets of colour can be used instead?





Thank you!